

## RESILIENT WEDGE GATE VALVE

(WATERWORKS AND WASTE WATER)

Valves are manufactured and tested in according to AWWA C509, BS5163:86-A,B, BS 5150, DIN 3352-4 ISO 7259-A-B, TIS 1413-2540 etc. Face to face comply with ANSI B16.10, BS 5163, DIN 3202 F4 & F5, ISO 5752 Series 3/ 14 / 15 / 19 Rated pressure PN10, 16, 25, straight through bore type non rising stem and rising stem OS&Y. Cost saving feature is replaceable wedge without taking the valve out from the pipeline. Valves are designed especially for potable water, waste water and suitable for all types of water and air.

### SIZE

50 mm.- 400 mm.



Fig.161

Fig.163

Fig.170

Fig.171

### FEATURES

- Vulcanized encapsulated resilient wedge, bubble tight shut-off low head and loss.
- Valve ends can be flanges, spigot, socket, mechanical joint, grooved and shoulder.
- Flanged drilling to suit ANSI B16.1, BS10, BS EN 1092-2, BS 4772, ISO, AS 2129, DIN, JIS and etc.
- Various types of operators such as handwheel chainwheel, spur gear, bevel gear, pneumatic, hydraulic and electric actuator can be provided upon requested.
- Special accessories like by-pass unit, valve locking device, tapped bosses, pipe cover, indicator and limit switches are also available.

### VALVE FIGURES NO.

Fig. 161 Non Rising Stem with Handwheel or Chainwheel or Cap or Operating Nut or Actuator.

Fig. 163 Non Rising Stem, with Gear and Handwheel or Chainwheel or Cap or Operating Nut or Actuator.

Fig. 170 Rising Stem OS&Y, with Handwheel or Chainwheel or Actuator.

Fig. 171 Rising Stem OS&Y, with Gear and Handwheel or Chainwheel or Cap or Actuator.

## DESIGN SPECIFICATIONS

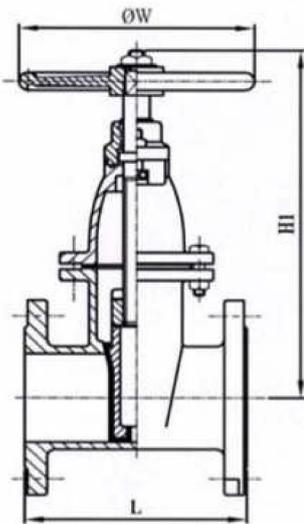


Fig.161

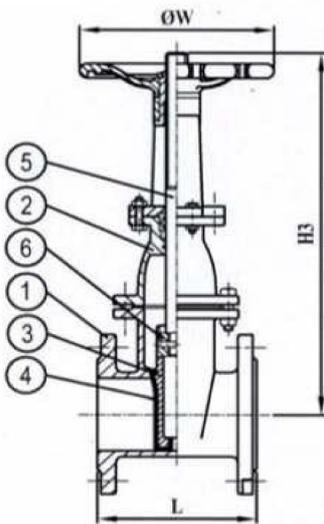
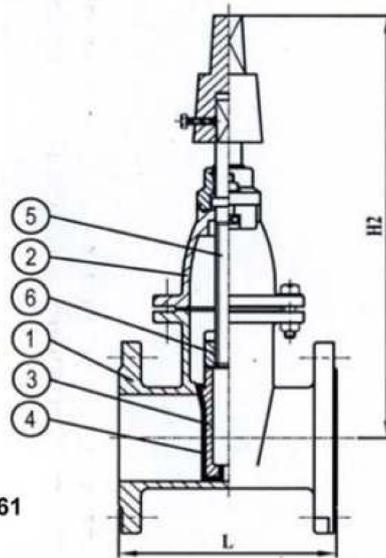
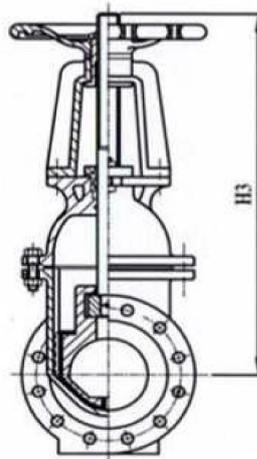


Fig.170



SIZE	L	H1	H2	ØW	WEIGHT	No
					(kg.)	OF
DN	PN.10 16	(mm.)	(mm.)	(mm.)	REF PN.10	TURN
50	178	266	375	180	19.5	4.4
65	190	303	392	180	21	5.7
80	203	335	424	200	27	7
100	229	373	462	250	40	8.6
150	267	489	571	315	66	12.8
200	292	577	659	315	110.5	17
250	330	690	768	400	177	21.2
300	356	778	856	400	141	25.3
350	381	905	977	400	332	29.6
400	406	998	1070	450	445	33.8

SIZE	L	H3	ØW	WEIGHT	No
				(kg.)	OF
DN	PN.10 16	(mm.)	(mm.)	REF PN.10	TURN
50	178	304	160	26.3	6.3
65	190	355	180	27.3	8
80	203	378	200	29	9.8
100	229	481	250	42	12.2
150	267	629	300	71	18
200	292	772	355	122	24
250	330	947	400	198	30
300	356	1080	400	271	36
350	381	1176	450	375	42
400	406	1359	700	515	48

NO.	PARTS	MATERIAL	ASTM. DESIGNATION.	BS. Standard
1	Body	Cast Iron	A 126 Class B	EN 1561-EN-GJL-250
		Ductile Iron	A 536 Gr.65-45-12	EN 1563-EN-GJS-500-7
2	Bonnet	Cast Iron	A 126 Class B	EN 1561-EN-GJL-250
		Ductile Iron	A 536 Gr.65-45-12	EN 1563-EN-GJS-500-7
3	Disc	Cast Iron	A 126 Class B	EN 1561-EN-GJL-250
		Ductile Iron	A 536 Gr.65-45-12	EN 1563-EN-GJS-500-7
7	Seat	Bronze	B 62	EN 1982-CC491K
		Stainless Steel	A 276 Type 304,316,420,431	EN 10088 Grade 1.4301,4401,4021, 4057
13	Stem	Aluminium Bronze	B 124, B 150	EN 1982-CW331G
		Stainless Steel	A 276 Type 304,316,420,431	EN 10088 Grade 1.4301,4401,4021, 4057
		Copper Alloy	B 16, B 21	EN 12165-CW721R
9	Stem Nut	Bronze	B 62	EN 1982-CC491K
		Aluminium Bronze	B 148 C95200	EN 1982-CW331G
		Stainless Steel	A 276 Type 304,316,420,431	EN 10088 Grade 1.4301,4401,4021, 4057